

printers, wherein the camera receives color and printing process parameters from the one of the printers and stores the parameters in the non-volatile memory; and an image processor adapted to sequentially:

- F3
comp
- (a) initially process the captured image, by (i) a first color space transformation and (ii) compression, to thereby produce processed image data,
 - (b) then store the processed image data in said non-volatile memory, and
 - (c) finally further process the stored initially processed image data to effect decompression and then, using the stored parameters, to effect compensation for printer characteristics responsive to received parameters and including a second color space transformation into color planes that coincide with printer process colors.
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Sub g2/ 11. (Thrice Amended) A process for digital cameras used with separate color printers each having different predetermined process colors and printing process characteristics, said process including the sequential steps of:

- F4
comp
- capturing an image on an imager;
 - processing the captured image by (i) color filter interpolation, (ii) a first color space transformation, and (iii) compression to produce processed image data;
 - connecting a one of the printers to the camera via a printer interface;
 - receiving process color and printing process parameters from the one of the printers;
 - further processing the processed image data to effect decompression and compensation for the characteristics of the one of the printers responsive to received parameters, wherein said compensation includes a second color space transformation; and
 - transmitting processed images to the one of the printers.
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